

# TECHNICAL CARD

2016/01 Technological Quartz

**COMPAC**  
THE SURFACES COMPANY

# TECHNICAL CARD



PROPERTY	TEST METHOD	UNITS OF MEASUREMENT	TYPICAL VALUES								
			1	2	3	4	5	6	7	8	9
<b>FIRE REACTION (EUROCLASSES)</b>	EUROCLASSES UNE-EN-ISO 9239-1:2002 and ISO 1716:2002	EUROCLASSES	A2fl sl								
<b>LINEAR THERMAL EXPANSION COEFFICIENT</b>	UNE EN 14617-11:2006 Agglomerated stone. Determination of linear thermal expansion coefficient.	°C-1	1,89 x 10 <sup>-5</sup>	1,96 x 10 <sup>-5</sup>	1,68 x 10 <sup>-5</sup>	3,3 x 10 <sup>-5</sup>	2,06 x 10 <sup>-5</sup>	2,18 x 10 <sup>-5</sup>	1,96 x 10 <sup>-5</sup>	2,05 x 10 <sup>-5</sup>	1,96 x 10 <sup>-5</sup>
<b>FLEXURAL STRENGTH</b>	UNE EN 14617-2:2005 Agglomerated stone. Determination of flexural strength	MPa	55 - 65	50 - 60	35 - 40	80 - 90	45 - 55	55 - 65	55 - 65	35 - 45	40 - 50
<b>IMPACT RESISTANCE</b>	UNE EN 14617-9:2005 Agglomerated stone Determination of impact resistance	J	8 - 10	9 - 12	5 - 7	>15	8 - 11	12 - 15	9 - 12	4 - 6	5 - 7
<b>SLIP RESISTANCE</b>	UNE EN 14231:2004 Tilles of natural stone for external paving Requirements and test methods.	USRV	6 wet 37 dry	6 wet 37 dry	8 wet 47 dry	6 wet 37 dry	6 wet 37 dry	6 wet 37 dry	6 wet 37 seco	6 wet 37 seco	50 wet 16 seco
<b>WATER ABSORPTION</b>	UNE EN 14617-1:2005 Agglomerated stone. Determination of water absorption.	%	0,06 - 0,08								
<b>APPARENT DENSITY</b>	UNE EN 14617-1:2005 Agglomerated stone. Determination of water absorption.	Kg/m <sup>3</sup>	2,350 - 2,450	2,300 - 2,400	2,300 - 2,400	2,060 - 2,080	2,350 - 2,450	2,300 - 2,400	2,300 - 2,400	2,300 - 2,400	2,300 - 2,400
<b>ABRASION RESISTANCE</b>	UNE-EN 14617-3:2005 Agglomerated stone. Determination of the abrasion resistance	mm	25 - 27	26 - 28	29 - 31	28 - 30	26 - 28	28 - 30	29 - 31	25 - 27	28 - 29
<b>CHEMICAL RESISTANCE</b>	UNE EN 14617-10:2005 Agglomerated stone. Determination of chemical resistance	C4	C4 Alkalis: Materials maintaining at least 80% of their resistance reference value after 8 hours. Surface hardness								
<b>SURFACE HARDNESS</b>	UNI EN 101 Ceramic tiles. Determination of scratch hardness of surface according to MOHS.	MOHS	6 - 7								

The values shown on this data sheet are typical values only, and therefore not legally binding. For further information, please contact our Technical Department.

1. Luna, Plomo, Venecia, Snow, Moon, New Passion
2. Alaska, Glaciar, Vanille, Smoke Gray, Warm Gray, Dim Gray, Cool Gray, Botticino\*
3. Azabache, Lactea, Titaneo
4. Absolute Blanc, Perliño\*, Carrara\*, Unique Calacatta™.
5. Ceniza, moka, arena, nocturno



\* Naturally sourced material.

6. Portoro\*, Imperial\*
7. White Zement, Ice Zement, Gray Zement, Beige Zement
8. White AMA, Brown AMA, Black AMA
9. Ice Concrete, Beige Concrete, Dark Concrete

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